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Patent  
Attorney's Docket No. P12519-US1-BMOA

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )

Hans CARLSSON et al. )

Application No.: 09/679,360 )

Filed: October 5, 2000 )

For: SYSTEMS AND METHODS FOR )  
PROVIDING GPS TIME AND )  
ASSISTANCE IN A )  
COMMUNICATIONS NETWORK )

Group Art Unit: 2664

Examiner: Unassigned

**RECEIVED**  
MAY 28 2002  
Technology Center 2600

**INFORMATION DISCLOSURE STATEMENT**  
**TRANSMITTAL LETTER**

Commissioner of Patent and Trademarks  
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of the IDS is required.
- ☐ The fee of \$180.00 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ Charge \$ \_\_\_\_\_ to Deposit Account No. 50-1070 for the fee due.
- ☐ A check in the amount of \$ \_\_\_\_\_ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R.  
§§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to  
Deposit Account No. 50-1070.

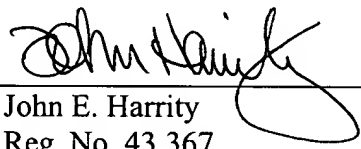


26615

PATENT TRADEMARK OFFICE

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

By:   
John E. Harrity  
Reg. No. 43,367

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Date: May 23, 2002



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**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Commissioner of Patent and Trademarks  
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97(b) and 1.97(c), Applicant(s) bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action in the above-referenced application. Further, each document in the Information Disclosure Statement was cited in a communication from the European Patent Office, and the Information Disclosure Statement is begin filed within three months of the mailing date of that communication. Copies of the listed documents are attached.

Applicant(s) respectfully request(s) that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

If any copending application(s) is/are cited on the attached PTO 1449, the Examiner's attention is directed to the foregoing application(s) in compliance with § 2001.06(b) of the Manual of Patent Examining Procedure. By identifying the copending application(s), the assignee and/or applicant of the application(s) do not waive confidentiality of the application(s). Accordingly, the U.S. Patent and Trademark Office is requested to maintain the confidentiality of the copending application(s) under 35 U.S.C. § 122.

This submission does not represent that a search has been made and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicant(s) determine(s) that the cited document(s) do not constitute "prior art" under United States law, Applicant(s) reserve(s) the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve(s) the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 50-1070.



Respectfully submitted,

HARRITY & SNYDER, L.L.P.

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(571) 432-0800

Date: May 23, 2002

**INFORMATION  
DISCLOSURE  
CITATION**  
PTO-1449



ATTORNEY'S DKT No.  
P12519-US1-BMOA

APPLICATION No.  
09/679,360

APPLICANT(S)  
Hans CARLSSON et al.

FILING DATE  
October 5, 2000

GROUP  
2664

**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE

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**FOREIGN PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
	00/41425	07/13/00	WIPO				
	99/19743	04/22/99	WIPO				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	LM Ericsson: "Stage One for System Assisted Mobile Positioning through Satellite (SAMPS)", <a href="http://ftp.tiaonline.org/TR-45/TR451/Incoming/2000.04.12_Contributions/2000.04.12.03-Attachment.pdf">http://ftp.tiaonline.org/TR-45/TR451/Incoming/2000.04.12_Contributions/2000.04.12.03-Attachment.pdf</a> , February 22, 2000, pp. 1-10.
	"TDMA Third Generation Wireless Packet-Data Service - Mobility Management", ANSI/TIA/EIA-136-336-2000, Telecommunications Industry Association, March 31, 2000, 81 pages.
	"TDMA Third Generation Wireless - System Assisted Mobile Positioning Through Satellite (SAMPS) Teleservices", ANSI/TIA/EIA-136-740-2001, Telecommunications Industry Association, April 23, 2001, 66 pages.
	LM Ericsson: "Stage Two for System Assisted Mobile Positioning through Satellite (SAMPS)", <a href="http://ftp.tiaonline.org/TR-45/TR451/Incoming/2000.05.18_Contributions/TR45.1_2000.05.18.01(TR-45.2.SAMPS-Stage%202).pdf">http://ftp.tiaonline.org/TR-45/TR451/Incoming/2000.05.18_Contributions/TR45.1_2000.05.18.01(TR-45.2.SAMPS-Stage%202).pdf</a> , May 8, 2000, 10 pages.
	"Digital Cellular Telecommunications System (Phase 2+); Location Services (LCS); Broadcast Network Assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) Positioning Methods (GSM 04.35 version 8.1.0 Release 1999)", ETSI TS 101 528 V8.1.0, June 2000, pp. 1-36.
	"TDMA Third Generation Wireless Digital Control Channel Layer 3", ANSI/TIA/EIA-136-123-B-2000, Telecommunications Industry Association, March 31, 2000, pp. 27-88.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).